

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

57.9 E RECORD OF WELL

825
see P779 to 781
and P825-833

Locate well on plat of section.

1. Location: State N. Y. County Putnam
Nearest P. O. Brewster Direction from P. O. E NE
Distance from P. O. one mile; 1/4 sec. T., R.
If in city, give street and number Town of Southeast
Permanent well #1
2. Owner: Brewster, Village Address Brewster, N. Y.
Driller: Hall and Co. Inc. Address Albany, N. Y. (Delmar)
3. Situation: Is well on upland, in valley, or on hillside? valley
4. Elevation of top of well: 340 ft. above the level of ms. s. level
(Above or below) (sea, depot, lake, or stream)
5. Type of well: drilled; kind of drilling rig used st
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
6. Depth of well: 20 1/2 ft.; year in which well was finished 1953 May, 1953
Does well enter rock? yes; if so, at what depth? 34 ft.; kind of rock
7. Diameter: At top 8 inches; at bottom 6 inches.
8. Principal water bed: sand Quaternary Sand
(Gravel, sand, clay, or rock, if rock, state kind)
Depth to principal water bed down to 25 ft.; thickness of bed ft.
If other water supplies were found, give depth to each none
9. Casings: Kind ; size ; length ft.; between depths of and
Kind ; size ; length ft.; between depths of and
Kind ; size ; length ft.; between depths of and ft.
- Packers (if any): Depth at which packers were used none; kind
- Screen or Strainer: Was well tested with screen? yes; kind of screen fine slot size
length of screen 10 ft.; diameter 6 inches; size of openings 30 sl.
10. Head: Does well at present overflow without pumping? ; did it overflow when new?
if flowing, give pressure lb. per sq. inch; or height water will rise in a pipe ft. above
original pressure or head ; if not flowing, give water level in well 10 ft. below sur.
11. Pump: Is the well pumped? no; kind of pump 3 Cent. pumps for all 9 wells combined
size or capacity of pump ; kind of power elec.
12. Yield: Natural flow at present (if any) gallons per minute; original flow 8 gallons per minute;
well has been pumped at 70 (see report) 14 to 20 drawdown, 6 weeks hours;
quantity of water ordinarily obtained from well Spec. ap = 15 gallons per day.
13. Use: For what purpose is the water used? Test well; exploring for village supply.
14. Quality of the water: see analysis; is there an analysis? yes, attached
(Hard or soft, fresh or salty, etc.) Top of well! Temperature of water 42.5 4/24/54
15. Cost of well, not including pump:

Date 4/27/53 Name of person filling blank Dr. Crossman from preliminary report by
Address U.S. Geol. Surv. at Albany, + Bill Str

On the

sheet give the record of the beds through which the well passed and any other facts not given above. 4/5/53

425 from Ronald Hall 3-5-54

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Alluvial sand and clay	0	25	25	
Dense, impermeable material	25	34	9	Screen set from 19 1/2' to 29 1/2'
Bedrock at		34		
Pumping level 14.7'				
Temperature at bottom of this well not taken (inaccessible)				
Drawdown varied from 14' to 24'				
Rowell Hall: Specific capacity 7 1/2 gpm/ft. of drawdown.				
Drawdown 13' after well #2 had been pumped for some time.				
Report states that water is of good quality and that a supply of 300 gpm (432,000 g.p.d.) can be guaranteed.				
Analysis by H. C. Chandler, Albany, N.Y. 5/16/53				
Well ^{Pulled from} Well Point 30' ^{10" well}				
Below #3 & 4				
Hardness	76	78	ppm	
Alkalinity	82	74	"	
CO ₂	1	1	"	
PH	7.8	7.8	"	
Turbidity	.1	.5	"	
Color	0	0	"	
Odor	none	very slight	"	
Iron (Fe)	.05	.07	"	
Manganese (Mn)	0.00	tr	"	
Oxygen consumed	0.6	0.6	"	
Chloride	3	3	"	
Nitrite	.002	.004	"	

note: Three other wells put in by N.Y. City firm. Set all records! See back of well no. 2 for more general information.

UNITED STATES
DEPARTMENT OF THE INTERIOR

P 825

see P 778 to 781



3" Line

4" Line

6" Line

#3 No. 3

No. 2

No. 1

5" Line

3' above

PUMP
HOUSE

TO HAVE
3 CENTRIFUGAL
PUMPS

Sketch map
by Roland Hall
3/5/54

25'

11

27

27

20'

P.L.

14.20

3-15

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